Macmillan/McGraw-Hill

Kentucky Student Edition Package

Student Edition Package

Teacher Edition Package includes a 2 volume set. See details on Teacher Edition	on sheet.
Teacher Edition	
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0021070237 Nimas	\$6.99
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0021064784	\$21.00
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0021073023 Nimas	\$4.98
Reteach & Skills Practice Workbook, Grade 1	750

ISBN 0021083894

Contract Price \$32.70

<u>Grade</u>

1 **TYPE**

P2

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<u>Author</u> Altieri and others

<u>Edition</u>

First

Content Mathematics

Readability 350-400

Accessibility

Research Contact Publisher

Kentucky Student Edition Package

Free with Purchase items

	Free with Furchase items	
0021061548	Strategic Intervention Guide, Grade 1	\$33.00
	her Resource Package	
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Option 3. Classro	oom set with purchase of a classroom set of Student Editions for life of	the adoption.
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	oom set with purchase of a classroom set of Student Editions	
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Provided	Course - Mathematics			Grade(s) -	1		blishe
Δ.	Teacher Edition ISBN if a	pplicable				0021083665	- T

Overall Recommendation:

Recommended as BASAL

Overall Strengths, Weaknesses, Comments:

if this box is not checked, the evaluators have chosen NOT recommend as basal

This basal is organized. Activities are tied to the program of studies and core content. Activities are included to reach diverse learners. Many types of assessments are incorporated throughout this basal. The activities are engaging and meaningful to students. There are weaknesses in the area of depth of knowledge. There is not a strict requirement of higher order thinking skills in all areas of this basal.

NIMAC Accessibility

Ancillary Yes Free with Purchase Yes

Research Yes Contact Publisher

Student Edition Package

CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations	Moderate Evidence				
Text is designed to be used in an elective course outside the Program of Studies					
1) Includes the 5 Big Ideas of mathematics to the following extent:					
a) Number Properties and Operations	Strong Evidence				
b) Measurement	Moderate Evidence				
c) Geometry	Moderate Evidence				
d) Data Analysis and Probability	Moderate Evidence				
e) Algebraic Thinking	Moderate Evidence				
2) Addresses content-specific enduring understandings from the related Program of Studies standards.	Strong Evidence				
3) Addresses content-specific skills and concepts from the related Program of Studies standards.	Strong Evidence				
4) Content addressed is current, relevant and non-trivial	Strong Evidence				
5) Provides opportunities for critical thinking/reasoning	Little or No Evidence				

6) Strengths, Weaknesses, Comments:

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

Strengths include the areas of numbers and operations. There are ample examples of activities listed that cover numbers and operations specifically addition and subtraction. Weaknesses can be found in the area measurement and probability. In measurement there is an overabundance of non-standard measurement exploration and no examples of standard measurement utilization. Data analysis is covered in great detail in this basal. However, probability is only mentioned in one activity throughout this basal.

B. Functionality & Suitability

Strong Evidence

1) Suitability

Strong Evidence

• Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

2) Content quality

Strong Evidence

- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

3) Connections to Literacy

Strong Evidence

- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text *Note: may apply to either student or teacher editions*

4) Connections to Technology

Moderate Evidence

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

5) Support for Diverse Learners

Strong Evidence

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

There are numerous literacy connections throughout this basal. Each section lists a variety of activities that meet the needs of diverse learners. Although, many technology activities are listed in this basal they are not necessarily utilized in a way that connects with the actual mathematical content.

C. Supports Inquiry and Skill Development

Moderate Evidence

1) Promotes Inquiry, research and Application of Learning

Moderate Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Moderate Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving *Note: may apply to either teacher or student edition*

3) Strengths, Weaknesses, Comments:

This basal has activities that give students a chance to make sense of the math they are learning and to recognize, create, and extend patterns. This basal requires students to prove some of their responses sporadically throughout the basal. There are some activities that provide students the opportunity to ask deeper questions. Technology is embedded. However, this technology does not require higher order thinking skills.

D. Supports Best Practices of Teaching and Learning

Strong Evidence

1) Engages Students

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated *Note: may apply to either teacher or student edition*

2) Uses Assessment to Inform Instruction

Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels *Note: may apply to either teacher or student edition*

3) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

There are a plethora of different types of assessments listed throughout this basal. The assessments are utilized to guide instruction. The assessments are authentic and offer opportunities to meet the needs of diverse learners. Activities are mostly hands-on and engaging. Many activities are relevant to the lives of the students. However, the Depth of Knowledge levels seem to be lacking in this basal.

E. Has an Organization/ Format that Supports Learning and Teaching

Strong Evidence

1) Organizational Quality

Strong Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Strong Evidence

Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The basal is organized and easy to follow. There are a variety of forms of media that are utilized. The illustrations and graphics are appealing.

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as **Strong Evidence** a basal should not be influenced by Section F

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Ancillary/Gratis materials are relevant, organized, and provide opportunities for intervention.